

FIGURE 1

FIG. 1A

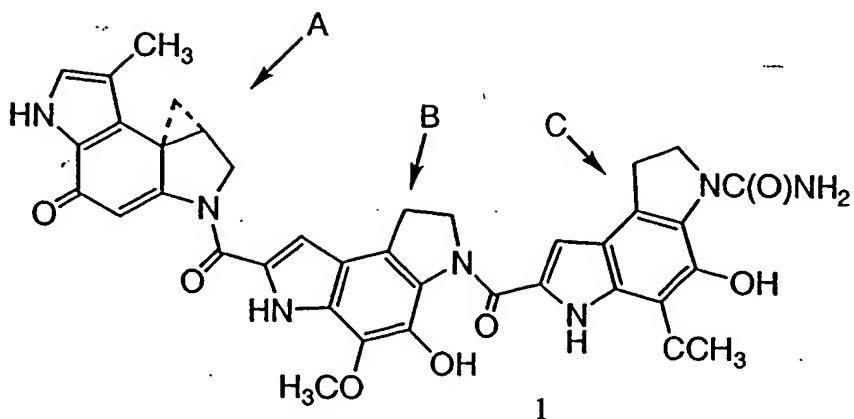


FIG. 1B

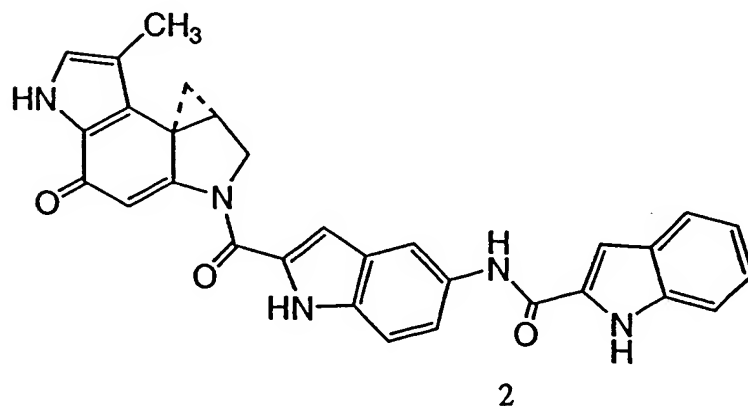


FIG. 1C

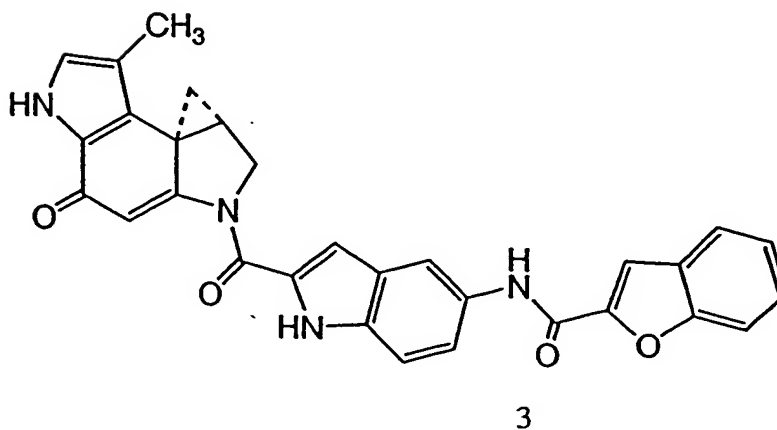
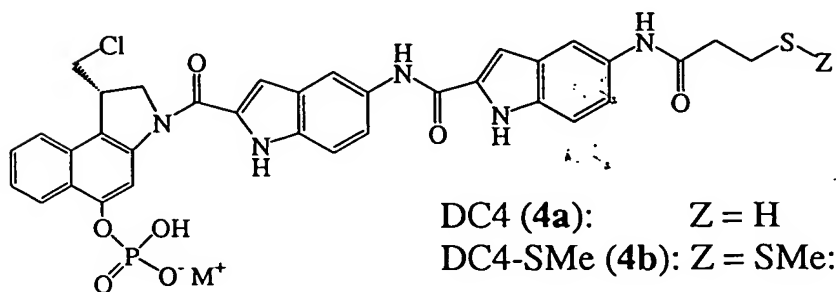
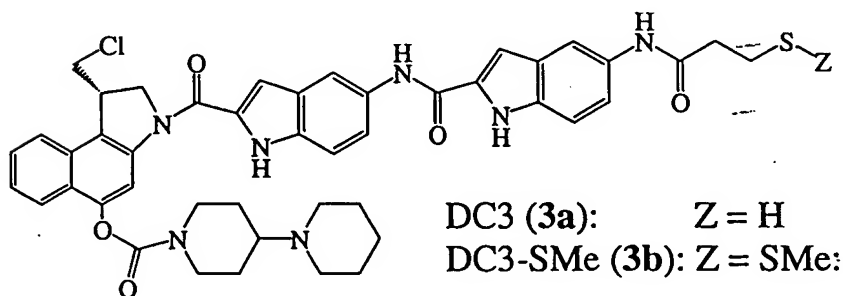
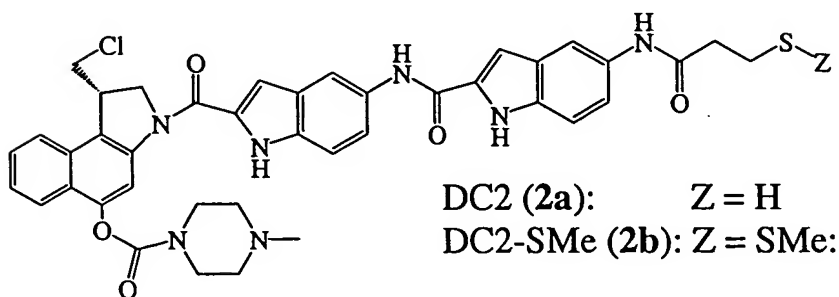
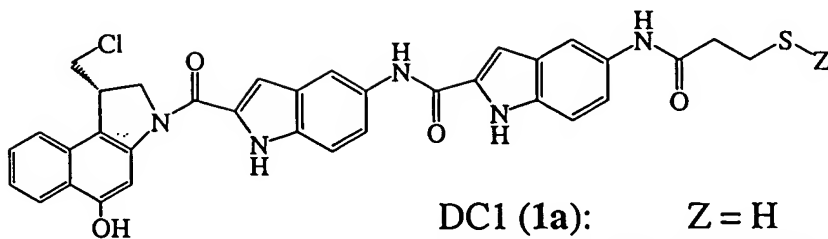
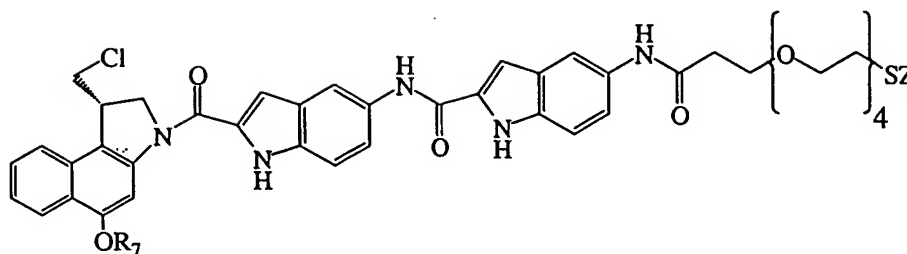


FIGURE 2



$M^+ = Na^+, K^+ \text{ etc}$

FIGURE 3



DC5 (5a) Z = H R₇ = H

DC5-SMe (**5b**) Z = SMe R₇ = H

DC6 (6a) Z = H

$$R_7 = \text{---} \text{N} \begin{array}{c} \diagup \text{---} \text{C} \text{---} \diagdown \\ \text{O} \end{array} \text{---} \text{N} \text{---}$$

DC6-SMe (6b) Z = SMe

$$R_7 = \text{---} \text{N} \begin{array}{c} \diagup \diagdown \\ \diagdown \diagup \end{array} \text{N} \text{---}$$

DC7 (7a) Z = H

$$R_7 = \text{---} \text{N} \text{---} \text{C}(=\text{O}) \text{---} \text{N} \text{---}$$

DC7-SMe (7b) Z = SMe

$$R_7 = \text{O}$$

DC8 (8a) Z = H

$$R_7 = \begin{array}{c} \text{O} \\ | \\ \text{OH} \\ | \\ \text{---} \end{array}$$

DC8-SMe (8b) Z = SMe

$$R_7 = \begin{array}{c} \text{OH} \\ | \\ -\text{P}-\text{O}^- \text{M}^+ \\ || \\ \text{O} \end{array} \quad \text{M}^+ = \text{Na}^+, \text{K}^+ \text{ etc}$$
$$\begin{array}{c} \text{OH} \\ | \\ -\text{P}-\text{O}^- \text{M}^+ \\ || \\ \text{O} \end{array}$$

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FIGURE 4A



FIGURE 4B

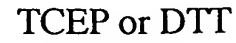
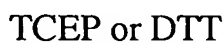
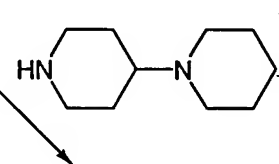
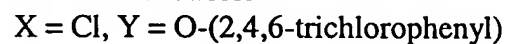


FIGURE 5

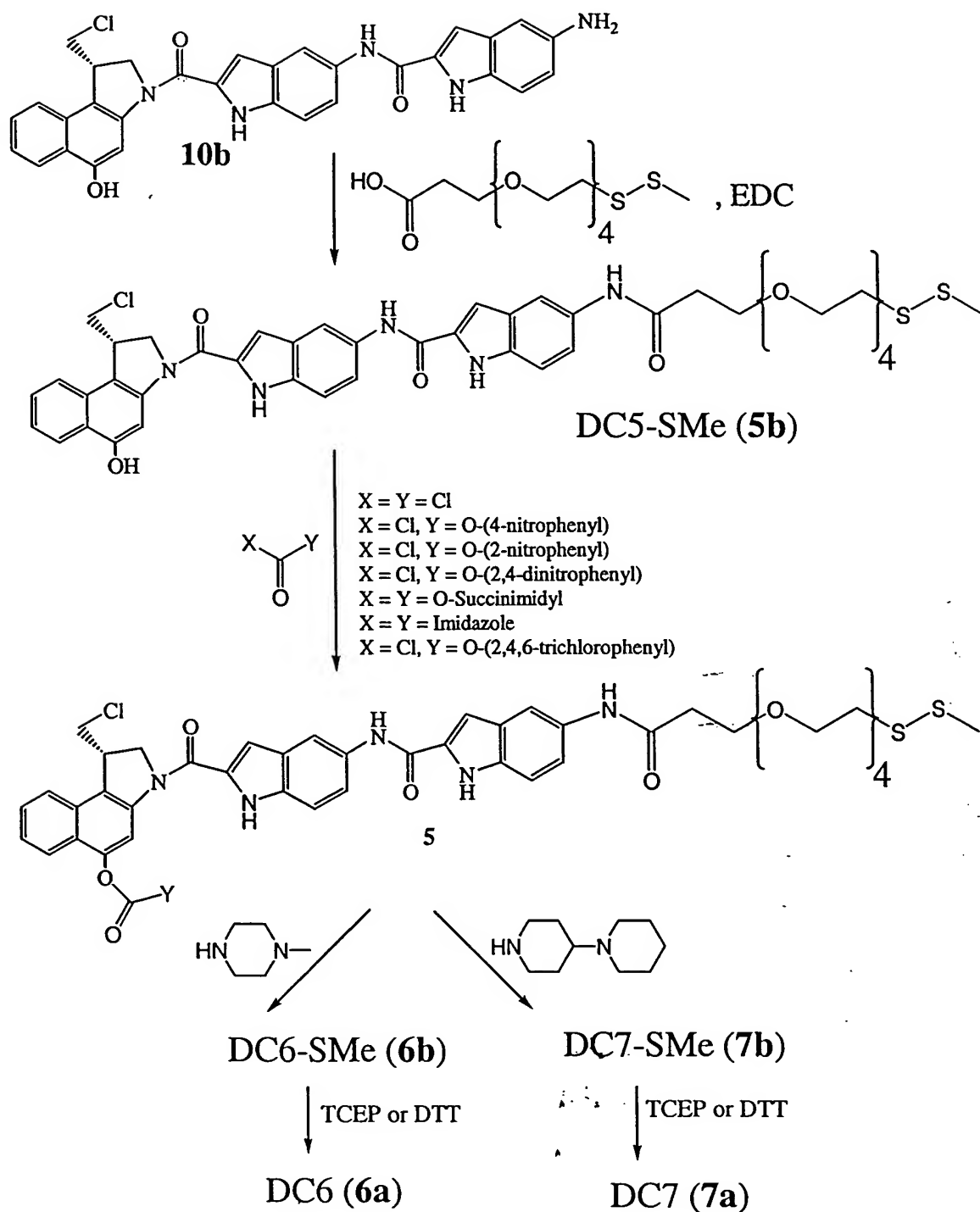


FIGURE 6

